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Titles

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Abstract of the Invention

A subsea production tree has an external annular profile formed on an upper portion of the tree. A vertical passage extending from a lower end of the tree to an upper end of the tree for communicating with a string of tubing extending into the well. A lateral passage in the tree extending from the vertical passage. A flow path in fluid communication with the lateral passage extends laterally from the tree, the flow path having an upward facing receptacle. An adapter lands on the upper portion of the tree and connects to the profile, the adapter having a passage that registers with the vertical passage of the tree while the adapter lands on the tree. A flow interface device mounts to and lands with the adapter, the flow interface device having an inlet conduit and an outlet conduit, one of the conduits being connected to the passage in the adapter, the other of the conduits stabbing into sealing engagement with the receptacle as the adapter lands on the tree.

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